



The Joint Staff Director for Logistics (DJ4)

Lt Gen Duncan McNabb, USAF

**Sealift ...a pivotal capability for
supporting the Joint Warfighter**

Executive Sealift Forum
20 April 2005

Historic Perspective



"[Mariners] have written one of the war's most brilliant chapters. They have delivered the goods when and where needed in every theater of operations and across every ocean in the biggest, the most difficult and dangerous job ever undertaken."

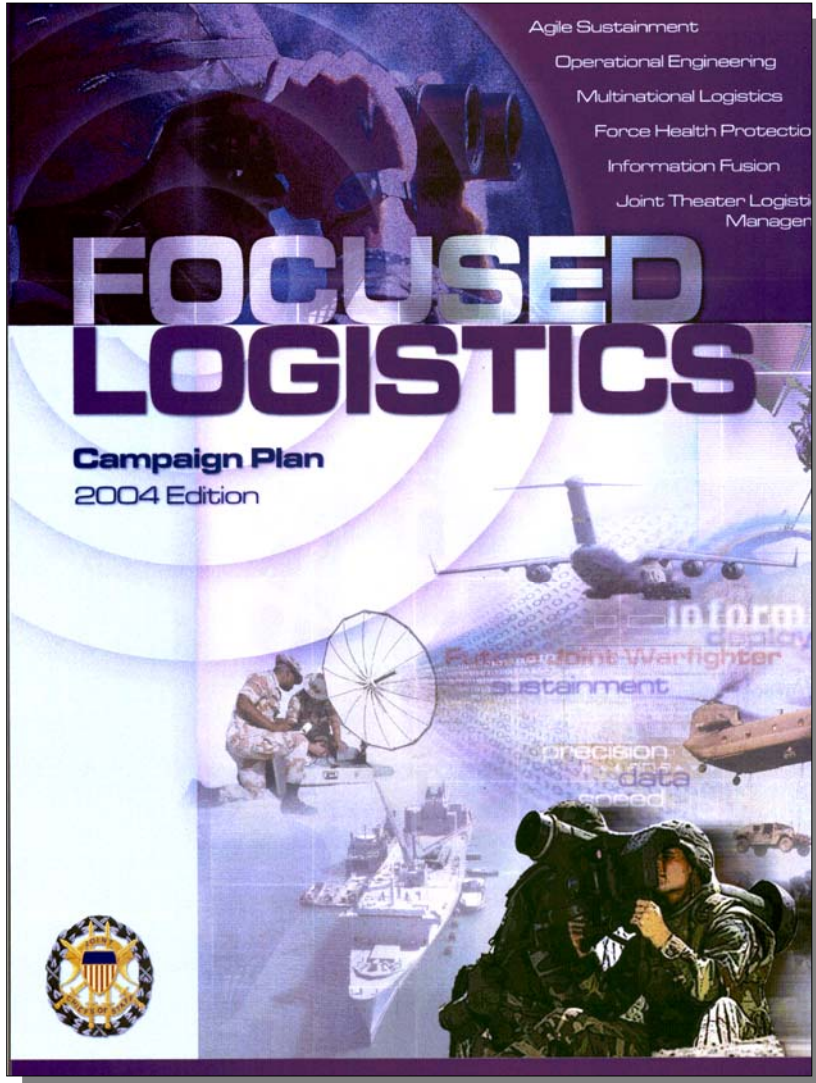
**President Franklin D. Roosevelt
Merchant Marine Academy
September 19, 1944**

Charting the Course

- **Focused Logistics Campaign Plan**
- **Sealift's Role in Supporting Joint Warfighting**
- **Harnessing Emerging Technologies & Concepts**



Shaping the Future ... a Capability-based approach



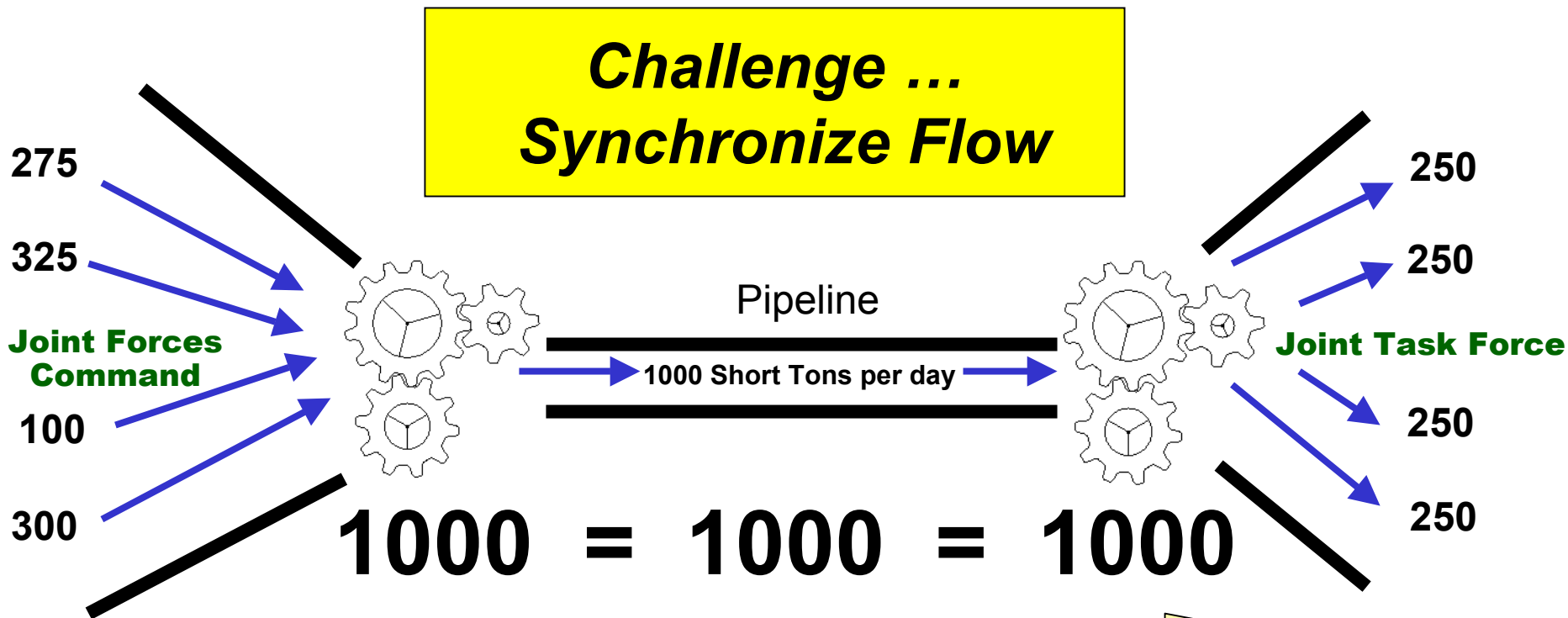
Capabilities

- **Joint Deployment/Rapid Distribution**
- **Joint Theater Logistics Management**
- **Agile Sustainment**
- **Operational Engineering**
- **Information Fusion**
- **Multinational Logistics**
- **Force Health Protection**

Joint Logistics Experimentation
Keeping Focused Logistics on Track

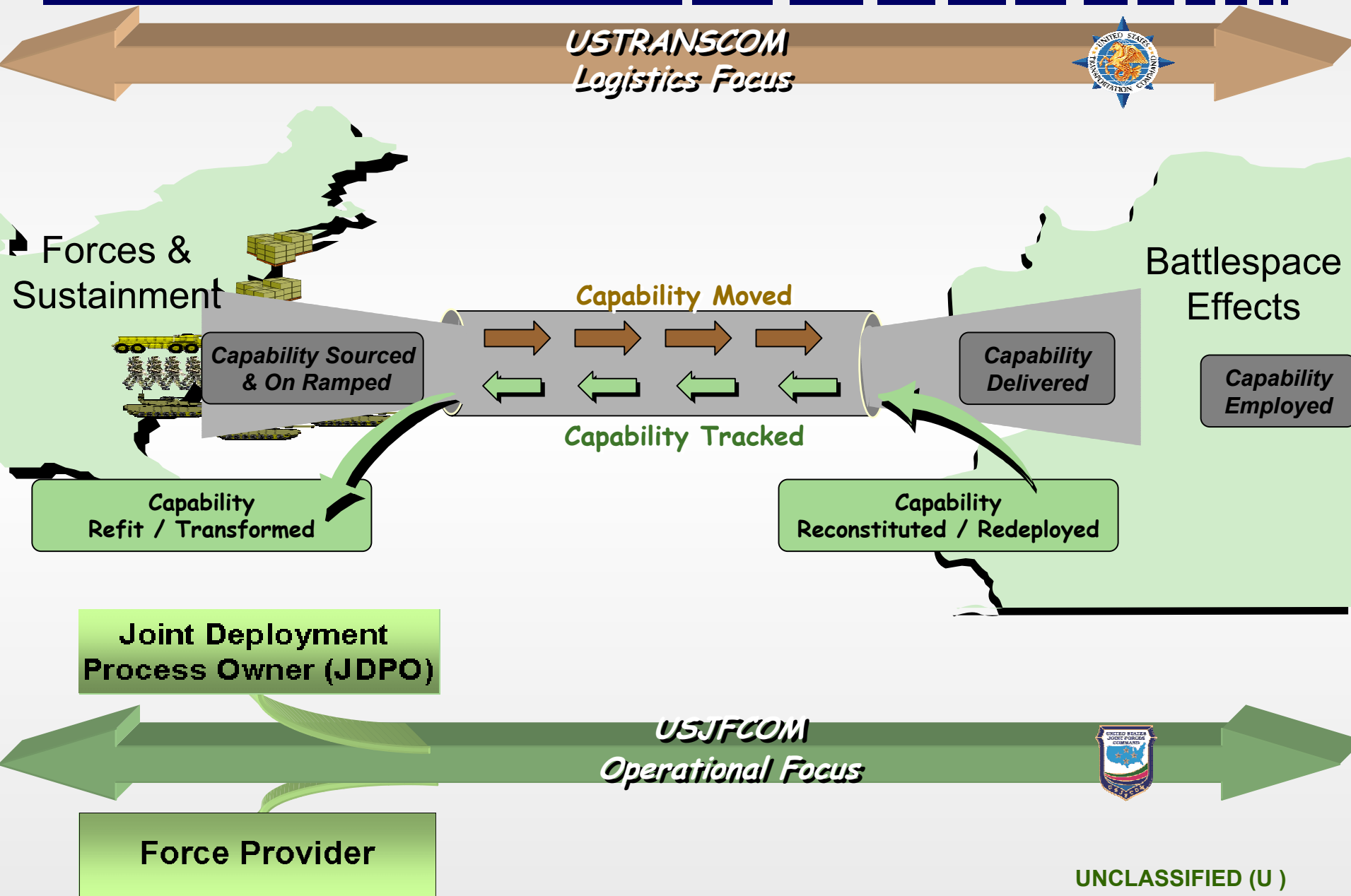
Joint Deployment / Rapid Distribution

... rapidly delivering combat forces to the joint force commander
& linking operating forces with viable sustainment systems



Maritime Role ... Movement of Supplies, Equipment, Personnel

Meeting the Combatant Commander's Requirements



Strategic Sealift

**2004: Sealift moved 95% of the total strategic OIF/OEF
Deployment/Redeployment cargo: 1.8M Short Tons.**



Looking ahead ... post 911

Mobility Capability Study (MCS)

2012 TIMEFRAME

MCS

CoCOM/JTF
Warfighting/Mobility
ConOps
1 - 4 - 2 - 1

Services
Transformation
Efforts

Global Posture

**PA&E/J4
Lead**

CoCOMs
Services
DLA

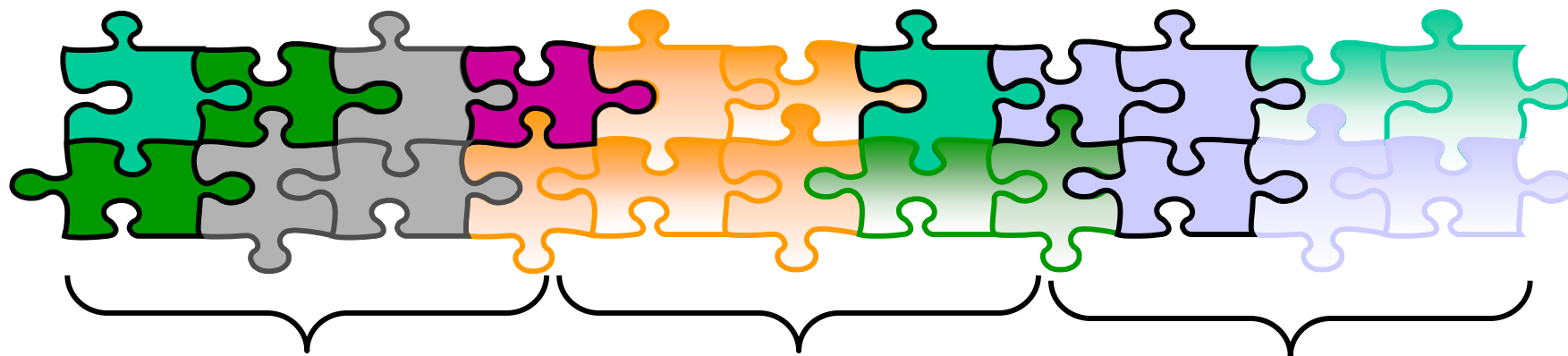
Informs Future
Decisions:

Sealift
Air Mobility
Pre-positioning
Enroute Infrastructure

QDR

Nov '04 – Air Refueling
Mar '05 – Study Complete

Mobility Capability Study - Sealift



PREPOSITIONING

SURGE

FOLLOW-
ON

**CONTAINERIZED
DEPLOYMENTS**

**The right capacity?
The right mix?**

HOMEPORTING

Sealift ... a tactical enabler

UNCLASSIFIED

Joint Theater Logistics (JTL)

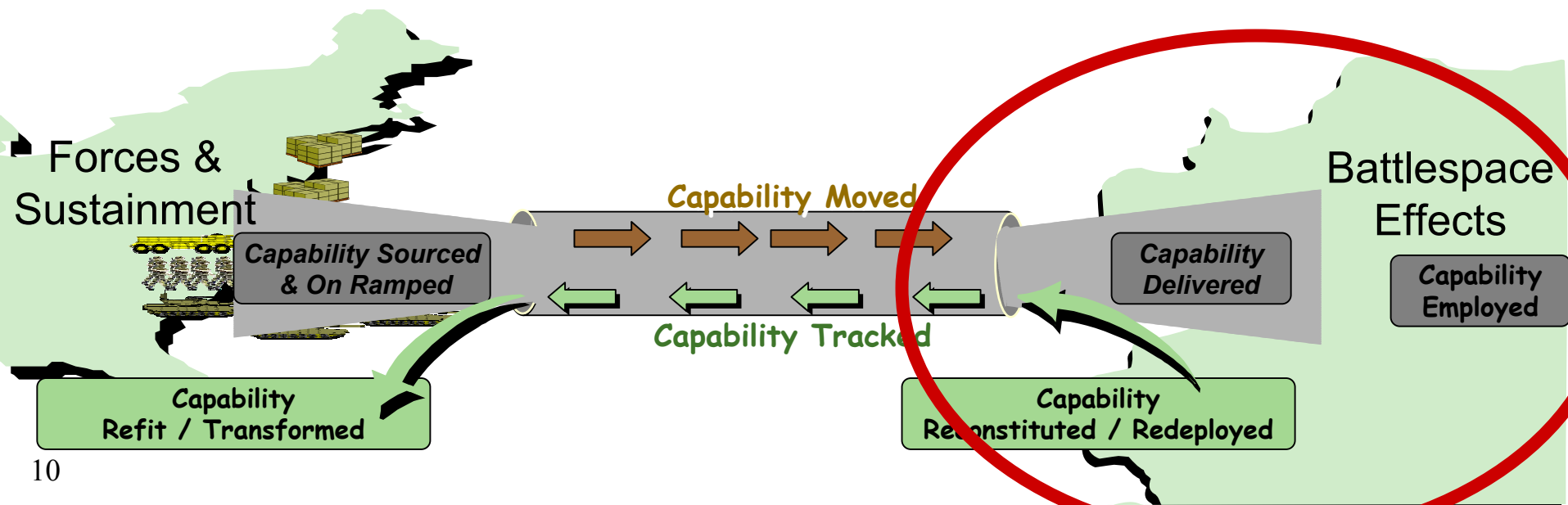
Empowering the Joint Force Commander to
synchronize, prioritize, direct, integrate, and coordinate cross-service logistics functions

- **Issue** – Best construct to exploit Joint & Service logistics capabilities for the warfighter

- *What is best done by Service Components?*
- *What is best done by Lead Service?*
- *What is best done jointly?*

- **Imperatives**

- Clear C² and responsibilities
- Seamless Strategic, Operational, & Tactical linkages
- Properly balanced to ensure optimum value added



Joint Deployment / Distribution Operations Centers (JDDOC)



1) Executes COCOM Priorities & Policies

2) Integrates IT Systems

3) Creates Joint Logistics Effects in Theaters

4) Synchronizes Inter/Intra Theater Lift

5) Critical Link to USTRANSCOM & National Partners

DLA Forward Depots

FY 04 – 11
\$464.3 Million Net Cost Avoidance

Pearl Harbor



Germersheim



Sigonella



Kuwait



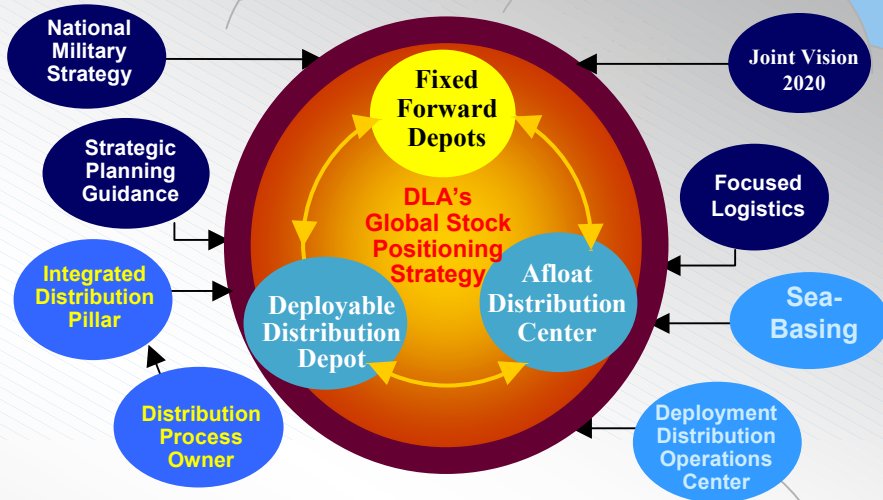
Korea



Yokosuka



Guam

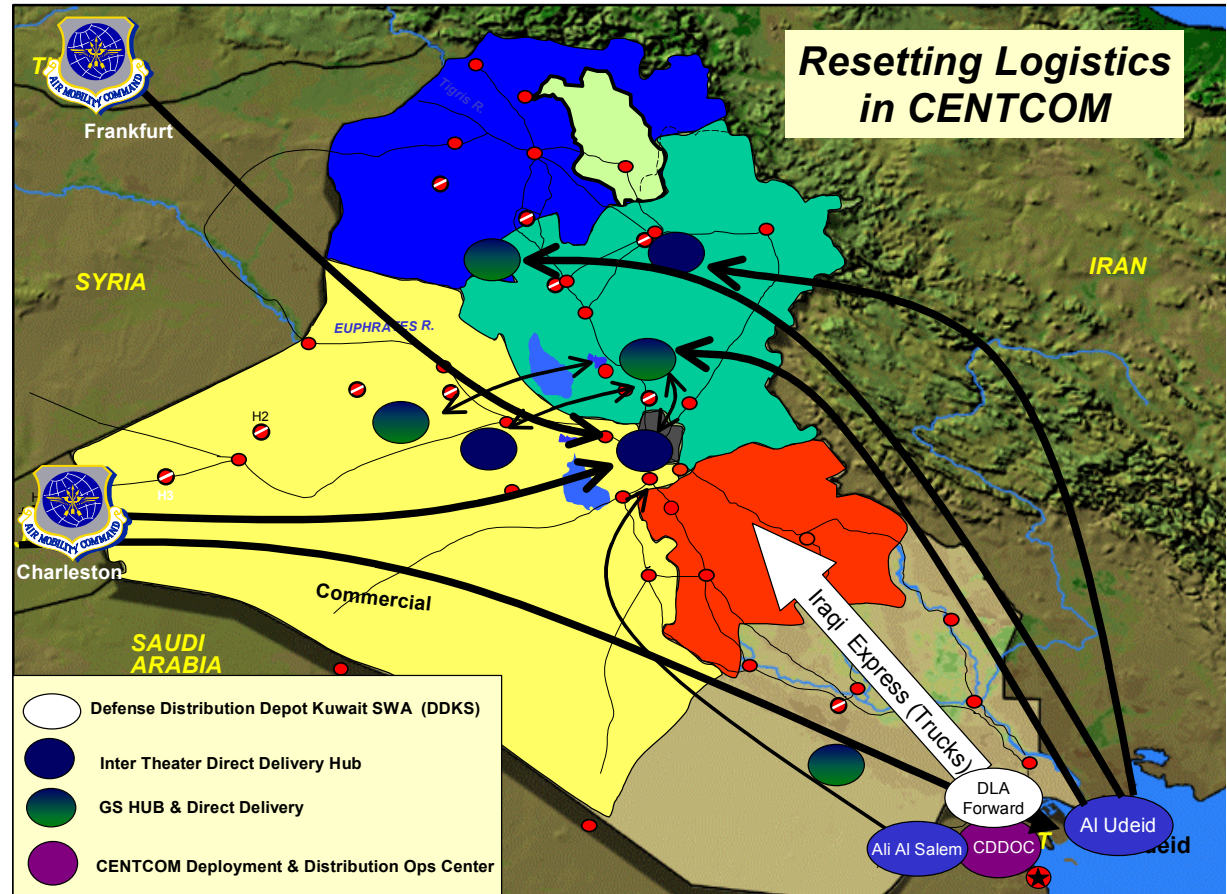
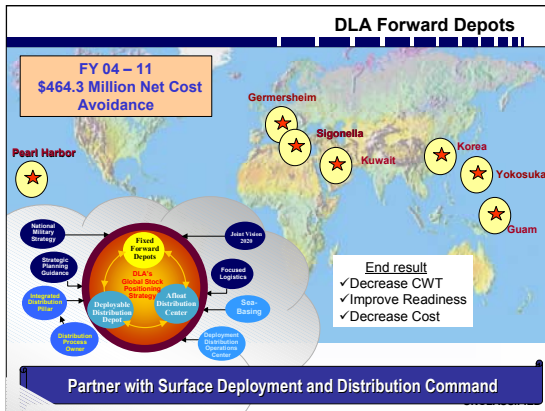
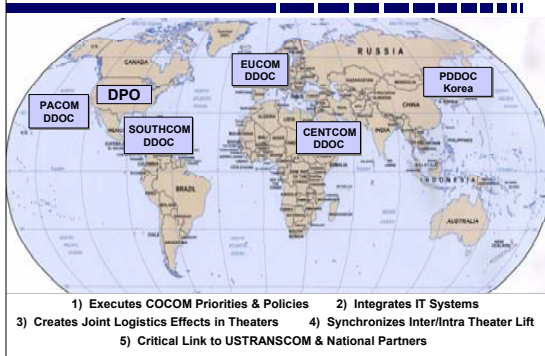


End result
✓ Decrease CWT
✓ Improve Readiness
✓ Decrease Cost

Partner with Surface Deployment and Distribution Command

Operational View of Logistics in Iraq

Joint Deployment / Distribution Operations Centers (JDDOC)



Joint Theater Logistics Construct



CoCOM



JFC / CoCOM J4



Strategic Feeds

- USTRANSCOM
- DLA
- Services
- USJFCOM
- Interagency/etc.

Tactical Execution

- Service Components
- CFLCC
- CFACC
- CFMCC
- CFSOTF

JDDOC
DLA Global Stock
Positioning
DIRMOBFOR

**Joint
Effects**

Optimum Logistics Support to the Warfighter

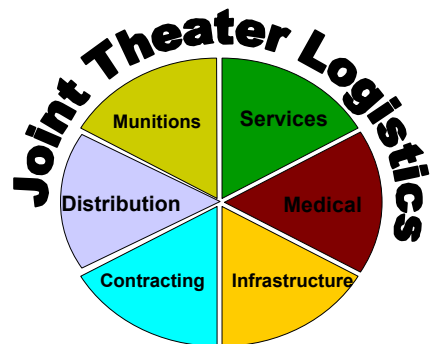
Operational

Distribution
Contracting
Infrastructure
Medical Services
Munitions
Services

Continuum

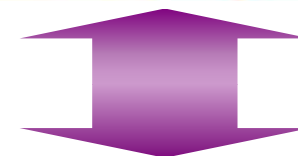
Coalition/Interagency/Components Integration

Joint Theater Logistics (JTL)

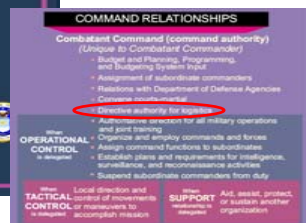
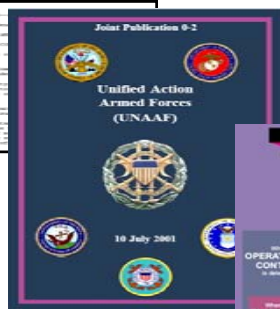


Making this happen

CoCOM has directive authority for logistics today!



**Title 10 USC
Section 164**



- ✓ See the requirement & flow of materiel
- ✓ Integrate & synchronize the pieces
- ✓ Prioritize requirements & capabilities
- ✓ Continuous collaboration among joint, interagency, and multinational suppliers & stakeholders

JTL is the capability to exercise directive authority for logistics

DLA Afloat Distribution Center

***Promising
capability
within JTL***

**High
Transportation
Cost**

**DLA Afloat ... to provide a
forward-positioned,
mobile capability,
that is tailorable
in support of
distribution operations**

**Strategic Distribution
Centers**

Fills the Gap

- First 30-60 Days Tailored Sustainment
- Complements Prepo Stocks
- Works in Conjunction with Fixed Forward Stock Sites and Deployable Depot Concept

**Long
Delivery
Lead Time**

**Next Steps: Finalize Concept of Operations; Start Business Case Analysis;
Complete Market Survey**

Joint Sea Basing

**Defense Science Board
Task Force
on
SEA BASING**

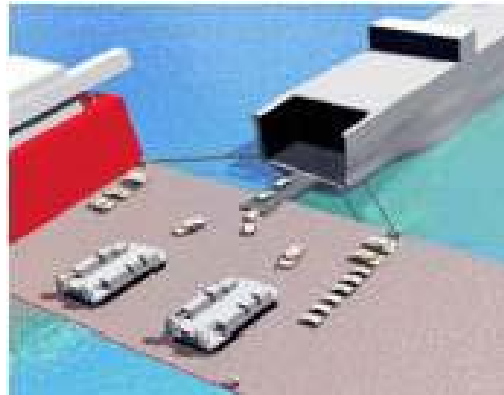


August 2003

Office of Under Secretary of Defense
For Acquisition, Technology, and Logistics
Washington, D.C. 20301-3140

**4 of DSB's
12 Enablers**

Sustaining Troops Ashore



Inter-Theater Lift

Cargo Transfer

Joint Logistics Support

“ ... joint sea-basing ... holds promise for the broader transformation of our overseas military posture”

National Defense Strategy

UNCLASSIFIED

What's Next?

VISIBILITY

- Commercial/DOD Interoperability
- RFID/Smart Boxes



INTERMODAL

- Joint Inter-modal Distribution System
- Non-ISO Container Capability



CARGO INTERFACES

- Ship to Ship
- Ship to Shore



HIGH SPEED SEALIFT

- Intra-Theater: JHSV
- Inter-Theater



Emerging Technologies

Your role ...

UNCLASSIFIED

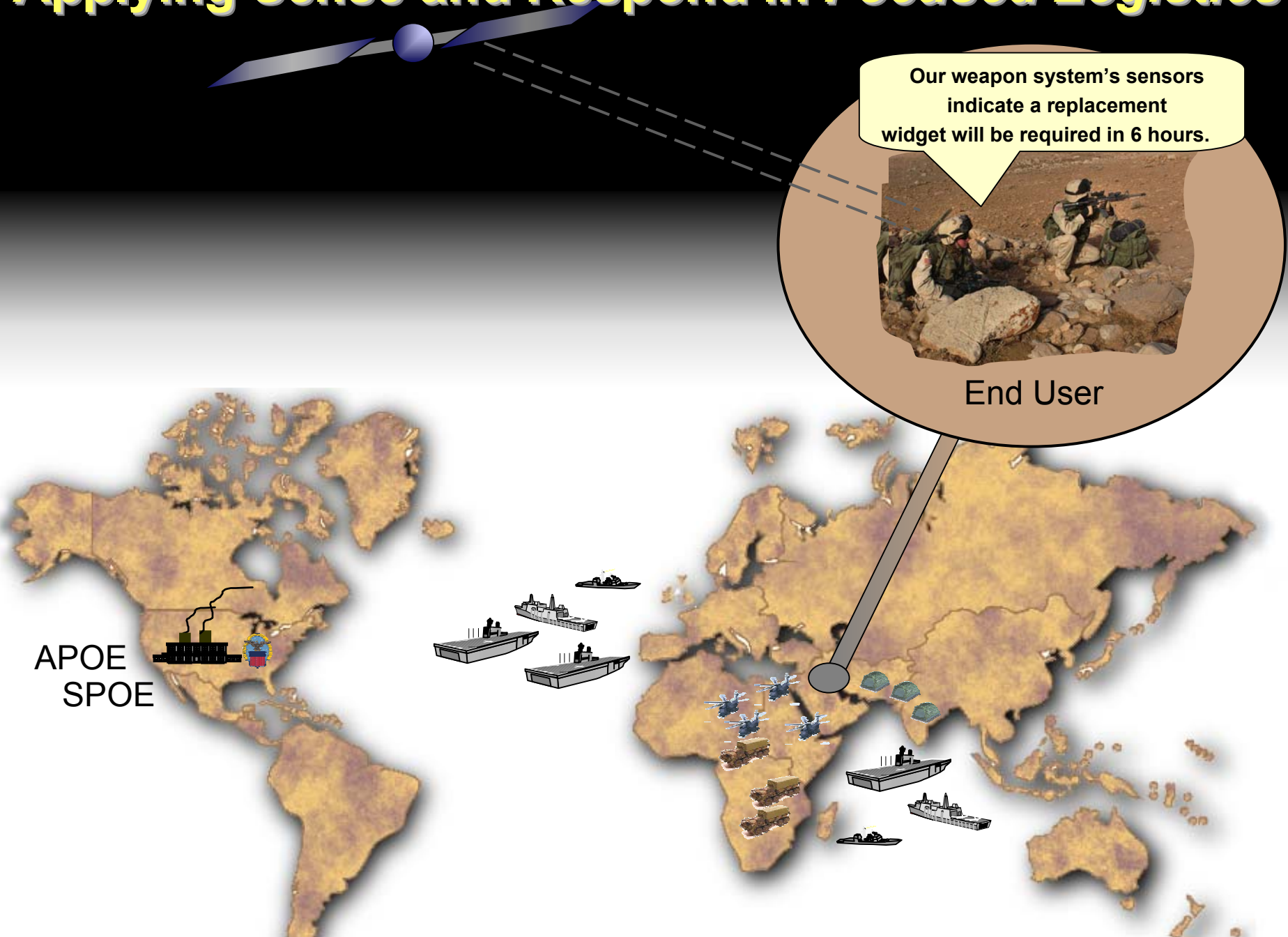
Sense and Respond ... a performance enhancer



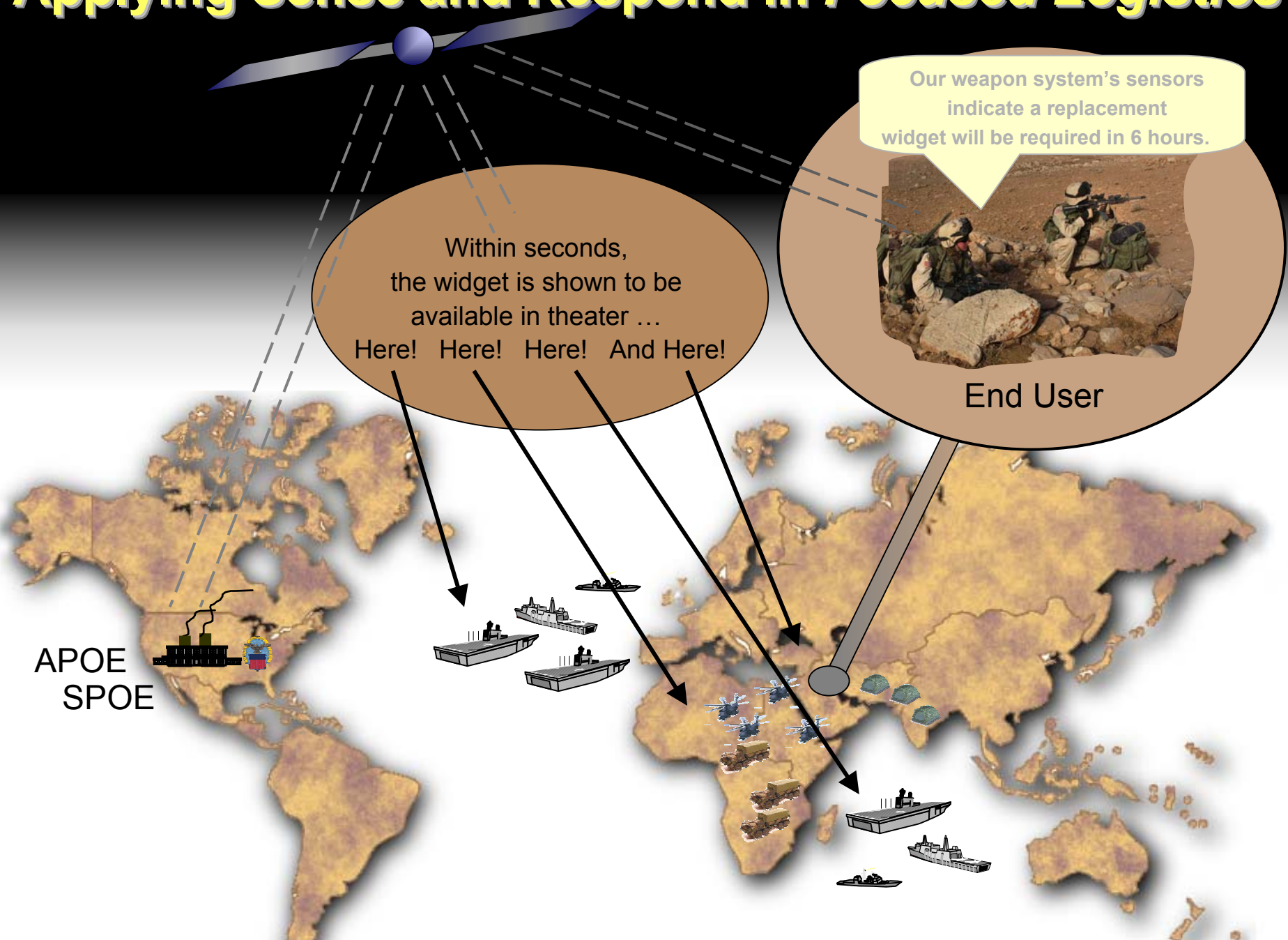
**Sensors monitor systems onboard a NASCAR
in order to minimize time in the pit.**

Time = Winning = Money

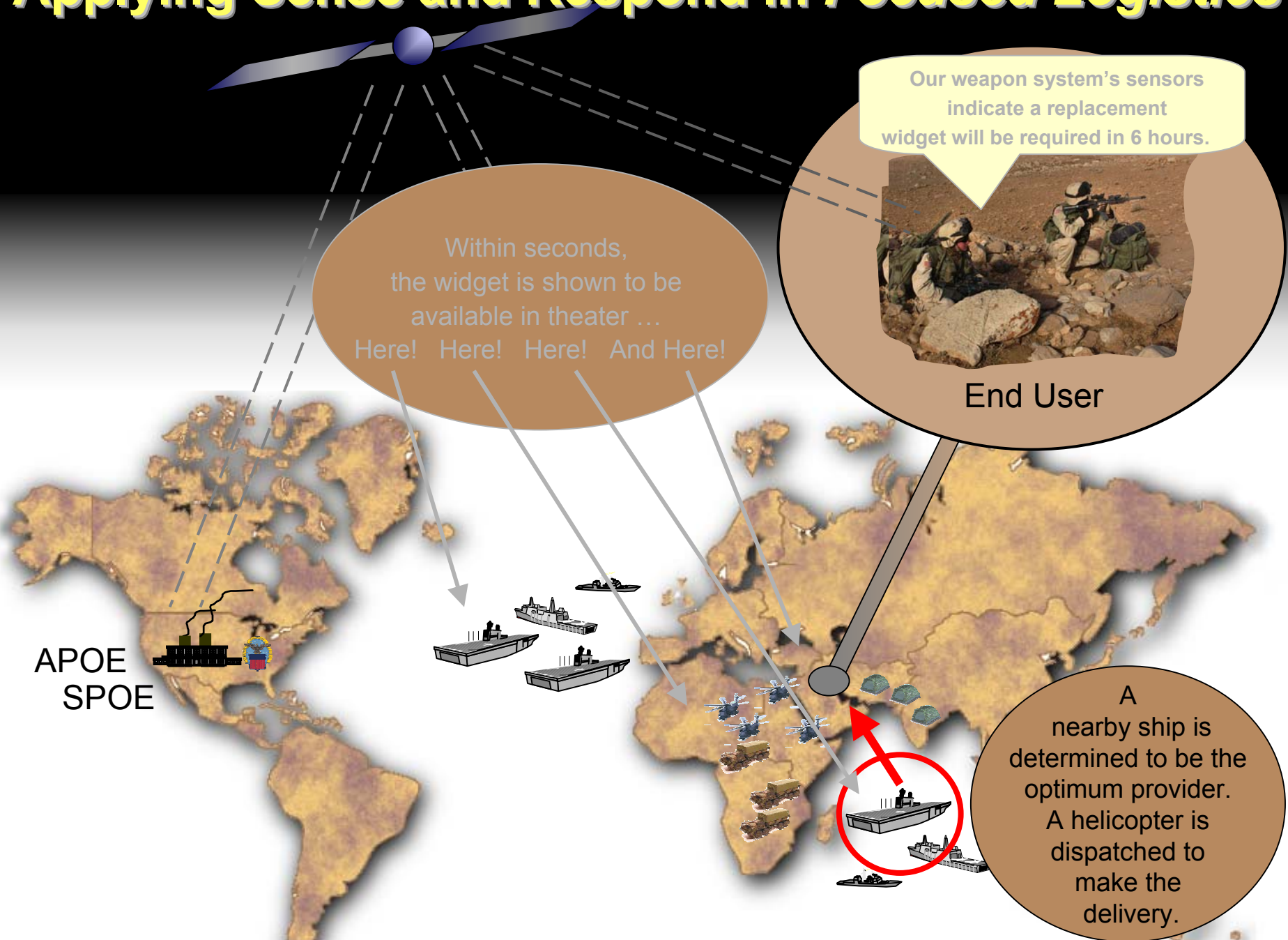
Applying Sense and Respond in *Focused Logistics*



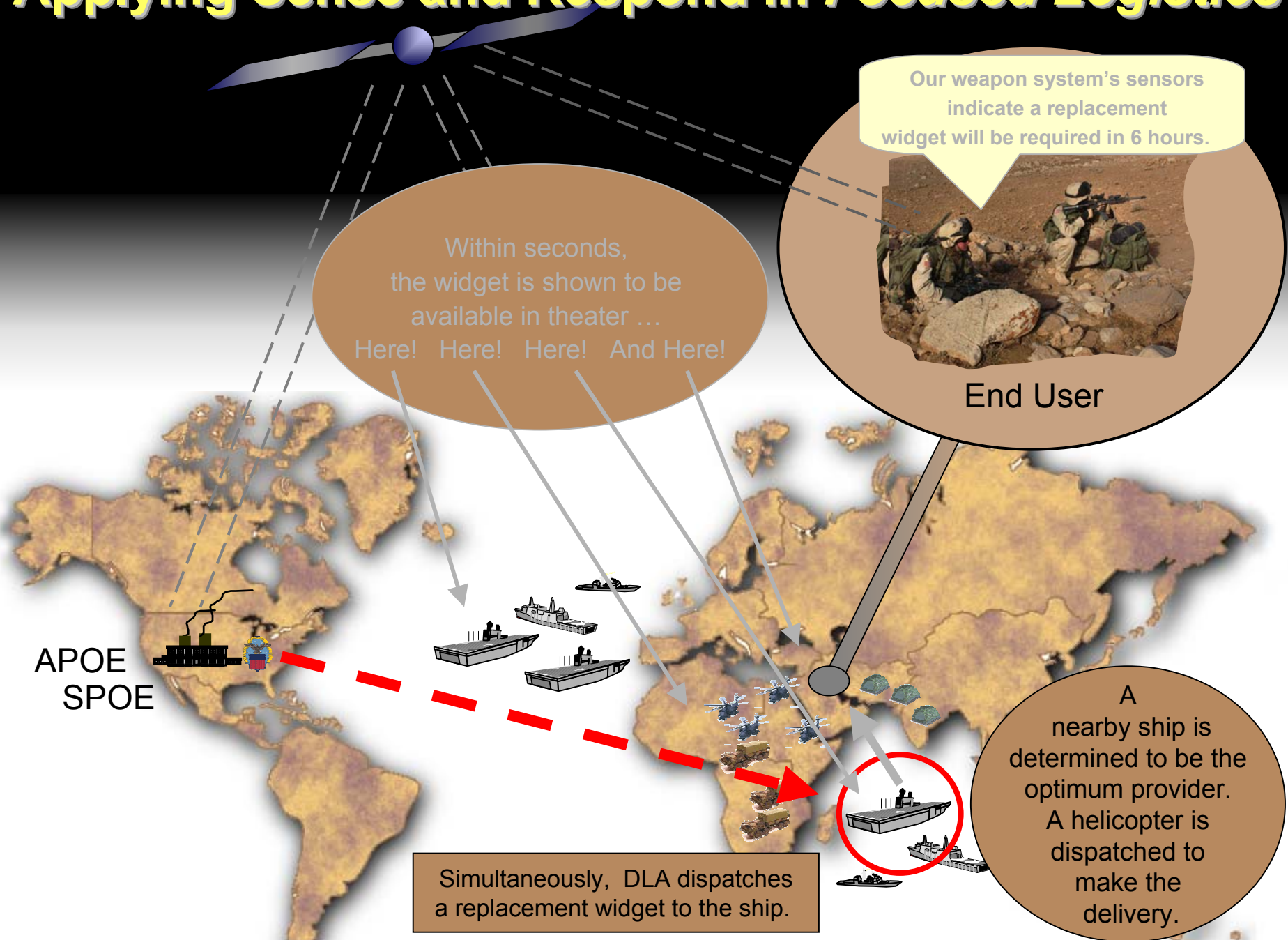
Applying Sense and Respond in *Focused Logistics*



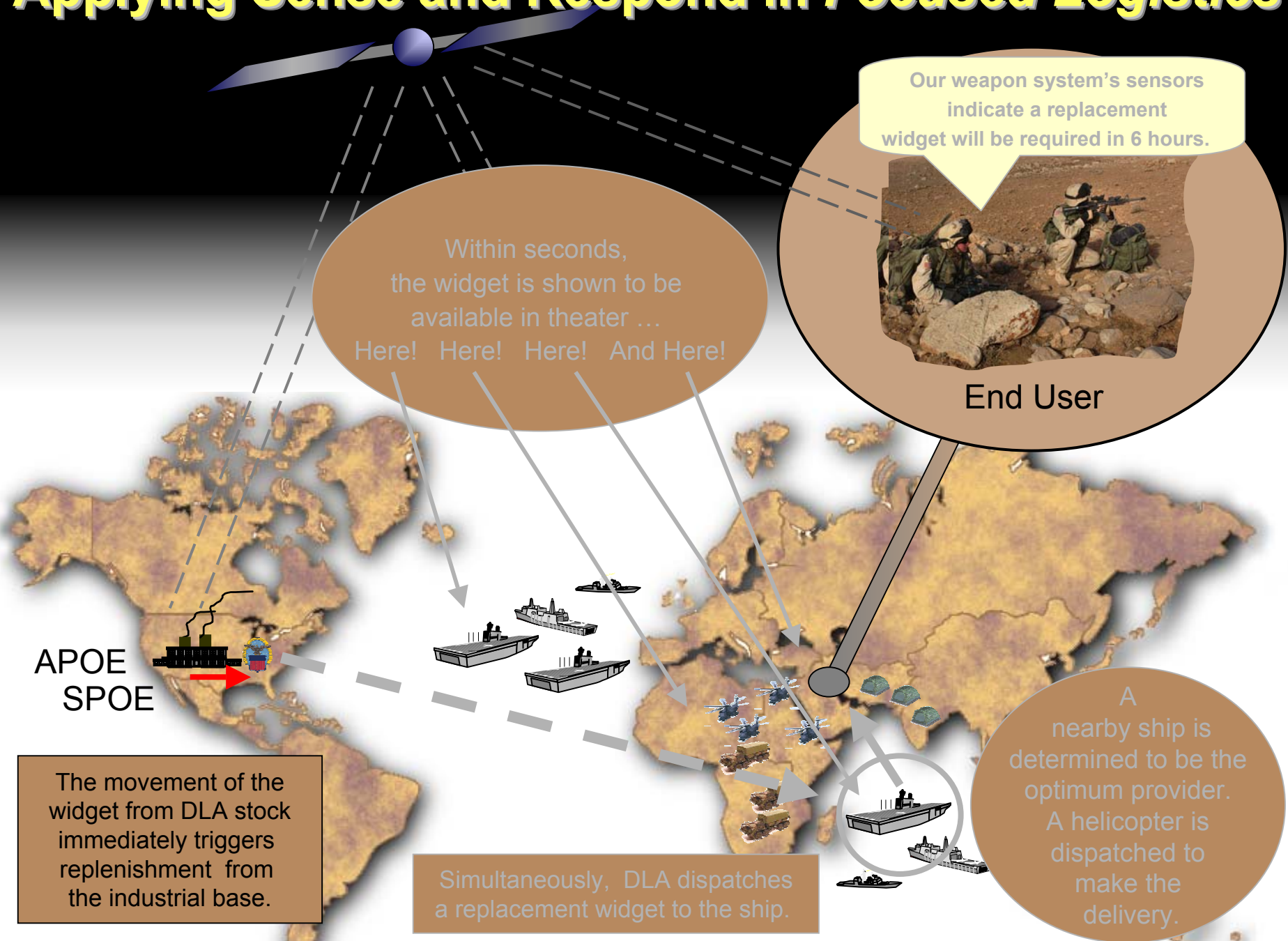
Applying Sense and Respond in *Focused Logistics*



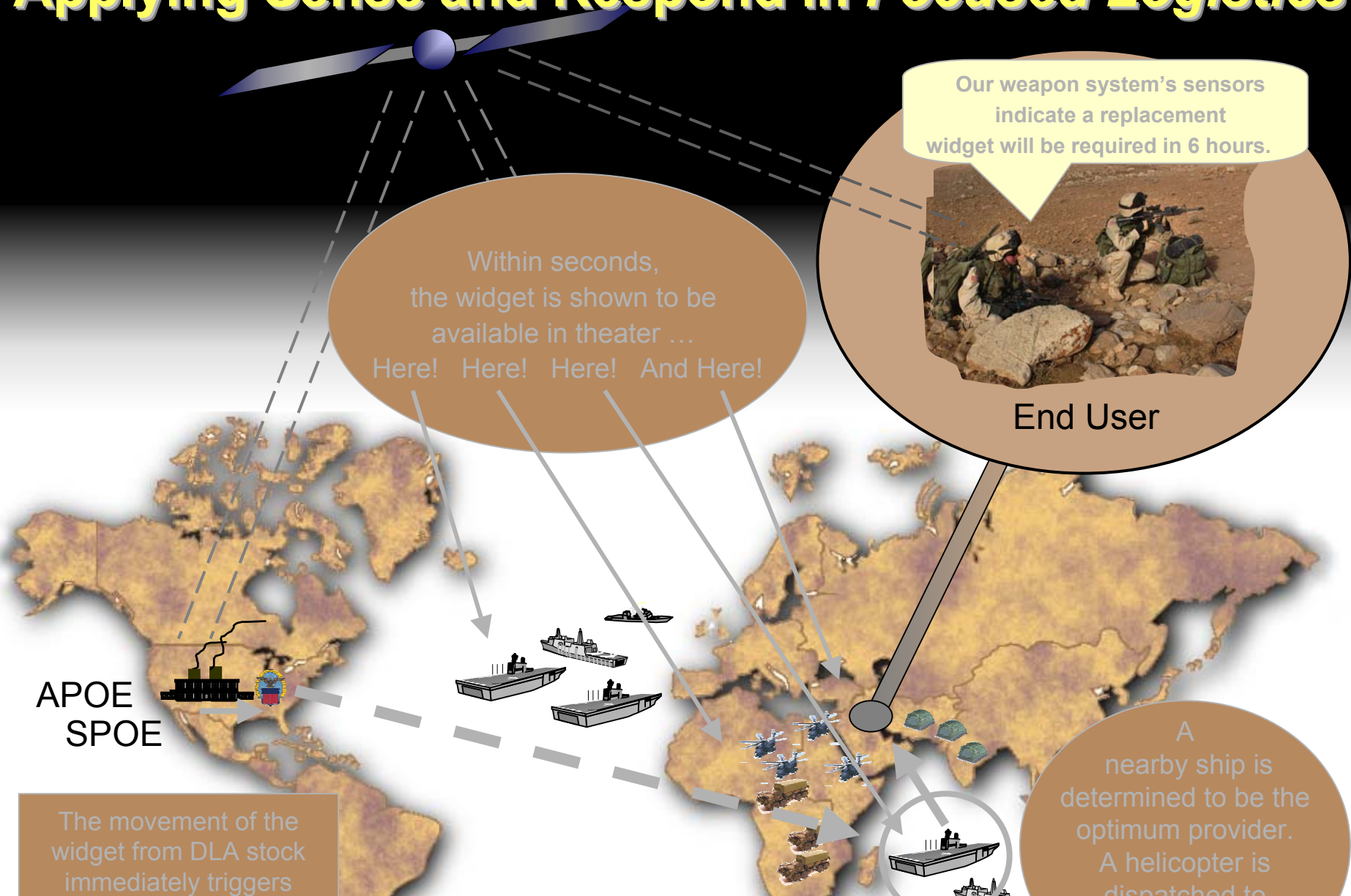
Applying Sense and Respond in *Focused Logistics*



Applying Sense and Respond in *Focused Logistics*



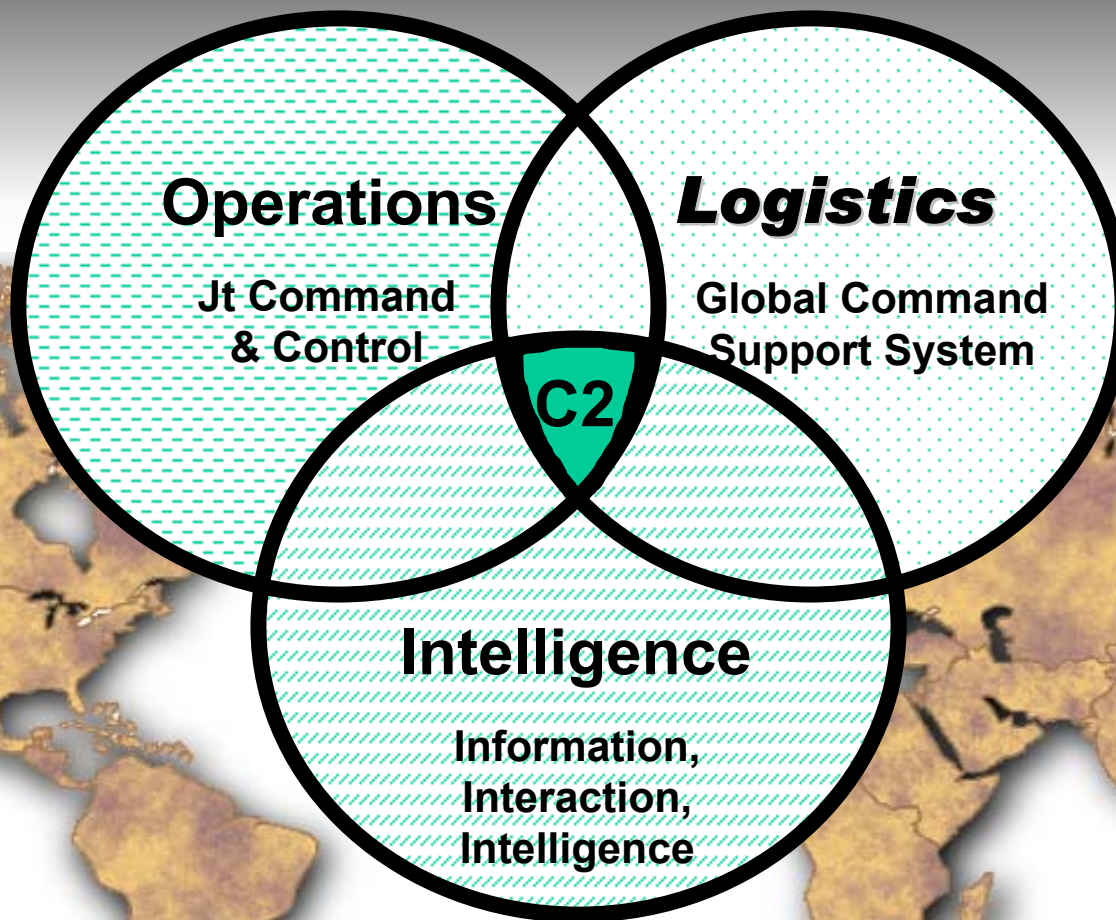
Applying Sense and Respond in *Focused Logistics*



Sense & Respond = Transformational Effects

GCSS – the Logistics Linkage for Joint C2

Close link between command and control and combat support



One fused picture of logistics for analysis and execution

Wrap-up



- Sealift's support to the warfighter will remain critical
- Emerging technologies will support future sealift enhancements
 - Sea Basing, High Speed Vessel, Cargo handling
- Mobility Capability Study will influence future decisions

DoD/Industry partnership is pivotal to our success.